

From owner-qrp-1@netcom.com Wed Apr 26 00:46:39 1995
Date: Tue, 25 Apr 95 16:21:23 PDT
From: dh@deneb.csustan.edu (Doug Hendricks)
Message-Id: <9504252321.AA20526@deneb.csustan.edu>
Subject: Cascade & Dayton

The Cascade, the dual band SSB kit that is the next club project from NorCal will be on display at the G-QRP Club booth during the day on Friday and Saturday. You are encouraged to stop and have a look.

Brochures describing the rig and how to get one will be available at the ARCI QRP Hospitality room in the Day's Inn Dayton South on Thursday, Friday, and Saturday nights. You are invited to stop by and meet all of the great QRP gang. It is definitely worth the trip.

Also, don't forget the GREAT BUILD IT AT DAYTON CONTEST. This is a contest where you will buy a circuit board and an instruction sheet on Thursday or Friday nights, and then go out and buy the parts at the Flea Market. It is an 80 meter Transceiver, and there are prizes:

First finished rig: (all parts in schematic, capable of putting signal on air, and receiving a signal.)

Prize: 1 Year extension to QRPP

Sponsor: NorCal

First QSO on the air: (Must exchange signal reports)

Prize: 1 Year extension to QRPP

Sponsor: NorCal

Greatest DX before Midnight (Local Time):

Prize: 1 Year extension to QRPP

Sponsor: NorCal

Best Looking Construction:

Prize: 1 Year extension to QRPP

Sponsor: Chuck Adams, K5FO

Greatest Power (Stock Unit) Measured on OHR Meter. (Someone bring an OHR meter. OK Chuck???)

Prize: Audio Filter Kit from St. Louis QRP Society

Sponsor: St. Louis QRP Society

[Note if other clubs or individuals want to sponsor a prize, pick your category, let me know the prize and we will do it!]

You will need to bring your own tools to build the rigs. We will have the building contest right after the QRP Banquet on Saturday night. The judges for the contest are Chuck Adams, Jim Cates and Doug Hendricks. Cost of the Circuit board and Instruction sheet is \$3.00.

I can't wait. See you there.
72, Doug, KI6DS

From owner-qrp-1@netcom.com Tue Apr 25 22:43:32 1995

Date: Tue, 25 Apr 95 15:47:13 MDT
From: miker@cc.com (Mike Robinson)
Message-Id: <9504252147.AA02587@cc.com >
Subject: Re: Curtis 8044ABM Chips

Rod,

Sorry for the confusion. I'm not part of the Norcal
keyer kit deal. I'm doing one of my own. As it happened
I posted my notice and then about 15 minutes later, read
the notice from Doug of Norcal.

I guess I should post a clarification. I can't believe
how close the timing was.

I'll be offering the 8044ABM shipped for \$17. Add \$2
for a simple board.

NorCal is offering the 8044ABM and the Far circuits board
for \$17. Norcal's is obviously the better deal. I'd go
for it too, if I hadn't already placed my order with
Mouser.

I'll eventually sell the chips I just ordered, so don't
worry about me. Membership to Norcal is free, but is
required to get the Norcal keyer kit.

Norcal has larger purchasing power than me which explains
the difference in the pricing.

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=====
7.3 de Michael aa0ub          | QRP:
miker@cc.com      Norcal #857  | "This thing's a radio?"
=====
```

From owner-qrp-l@netcom.com Tue Apr 25 04:22:00 1995
Message-Id: <199504250125.VAA07033@jfwhome.funhouse.com>
Subject: Re: D-Cells as a QRP Power Source ?
Date: Mon, 24 Apr 1995 21:25:53 -0400
From: "John F. Woods" <jfw@jfwhome.funhouse.com>

I have got three gel-cells that I use for power, even on the bench. The two
7Ah batteries are a bit heavy, but I've also got a 4Ah battery that's light
enough to lug around without regretting it (though I've never gone on long
hikes with it, where every ounce eventually counts...).

From owner-qrp-l@netcom.com Tue Apr 25 12:44:50 1995
Date: Tue, 25 Apr 95 10:09:48 EDT

Message-Id: <heH8+6DEbjb@PAMDT.ANG.AF.MIL>
From: <CBAILEY@PAMDT.ANG.AF.MIL> (MSgt Cameron C.R. Bailey)
Subject: re: D-Cells as a QRP Power Source ?

I use a pack of 8 "AA" alkaline cells. But then I run under 1 watt most of the time in the field. They last a long time, but I never stressed them for more than 6 hours at a time. Some rigs don't draw more than 30 ma on receive. Your transmit drain is the main consideration.

One more thing, when I fly commercially, I take the AA's because they don't allow gel cells on the plane.

de kt3a

Cam Bailey
SOGNET LAN Administrator (Banyan)
211 Engineering Installation Squadron
Fort Indiantown Gap (Annville) PA
DSN: 491-8737 Comm: 717-861-8737 FAX: 8268

From owner-qrp-l@netcom.com Tue Apr 25 20:37:57 1995
From: rarland@epix.net
Date: Tue, 25 Apr 1995 16:57:38 -0400 (EDT)
Subject: Re: D-Cells as a QRP Power Source ?
Message-Id: <Pine.SUN.3.91.950425165216.6759B-100000@mango.epix.net>

HI Gang:

On Mon, 24 Apr 1995, John F. Woods wrote:

> I have got three gel-cells that I use for power, even on the bench. The two
> 7Ah batteries are a bit heavy, but I've also got a 4Ah battery that's light
> enough to lug around without regretting it (though I've never gone on long
> hikes with it, where every ounce eventually counts...).

>

Like John, I have several gell-cells. My MONGO Power Supply is a 20 amp/hr monster I got from the local NWS at Avoca airport. They regularly change out these huge batteries and I was lucky to get mine in good condition.

For use with the portagle 40 meter station which is built around a S&S ARK-40, I have a 2.3 amp/hr unit with a Tejas charger taped to the side.

For the NorCal-40 I use TWO 1.3 amp/hr gell-cells in parallel. These, like the 2.3 amp/hr unit, are small and relatively light weight.

I have found an excellent source for used gell-cells: namely a local security firm that regularly changes them out of home and commercial burgler alarms. Most of the time the batteries are good and will hold a charge. Seldom do I have any throw aways.

Jus t some suggestions. Go out and be creative.

72 rich K7YHA

From owner-qrp-1@netcom.com Tue Apr 25 20:57:20 1995
Message-Id: <9504251722.AA01459@ig1.att.att.com>
From: mvjfm@mvubr.att.com (James M Fitton 508 960 2577)
Date: 25 Apr 95 13:18:00 -0400
Subject: Dayton Taxi Cab

Anyone arriving at Dayton airport on Thursday morning ?

Let's share a cab ride to the Days Inn hotel.....

Anytime after 10:30 a.m. would be excellent.

Thanks,

72/73 Jim W1FMR

From owner-qrp-1@netcom.com Tue Apr 25 22:15:55 1995
Date: Tue, 25 Apr 95 16:18:50 EDT
From: Clark Fishman (FSAC) <cfishman@fsac3.pica.army.mil>
Subject: Dayton travel info
Message-Id: <9504251618.aa29643@FSAC3.PICA.ARMY.MIL>

I heard that they are working on the western end of the Pennsy Pike
and on I 70 in Ohio....is this true and if so how much is it slowing
down traffic???? I am coming from South Jersey

73 Clark Fishman cfishman@pica.army.mil

From owner-qrp-1@netcom.com Tue Apr 25 23:56:10 1995
Date: Tue, 25 Apr 1995 19:42:24 -0400
From: "John F. Woods" <jfw@jfwhome.funhouse.com>

Message-Id: <199504252342.TAA14075@jfwhome.funhouse.com>
Subject: FCC info by ftp

This isn't strictly QRP related, but what the heck, it's probably only the fortieth copy of this you've all seen ;-). The FCC has just made the current, up-to-the-minute (well, day) amateur callsign database available via FTP, including daily change records. The bad news: the full database is 32 MB (zipped, 144MB unzipped), though daily updates are 4-10KB (6-50). At any rate, anyone with too much time and disk space on their hands can now be one-up on the CD-ROM makers.

ftp.fcc.gov:/pub/XFS_AlphaTest/amateur/

From owner-qrp-l@netcom.com Tue Apr 25 20:12:21 1995
Date: Tue, 25 Apr 1995 13:03:19 -0500
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <199504251803.NAA24926@chuck.dallas.sgi.com>
Subject: Gel Cells & RCVR

Gang,

I picked up three, count them, three 4Ahr Gel cells. These puppies weigh about 2 or 3 pounds each and I don't have one sitting in front of me to measure, but I'd guess about 3x3x5". I know that I can run the NC40a for a long time on one.

Someone asked me how you charge these things. Very carefully!!! :-). I use a charger from a kit from Tejas Kits in Houston. This is the one that I announced to the net (I'll just call this a net although you and I know better) many months ago and it was \$20 without case and transformer, so I'd guess I have about \$40 invested overall, counting power cord, case (K5FO special - see at Dayton), xfmr, rubber feet, alligator clips and wire. See the ARRL Handbook 1995 issue and read all about these critters (batteries).

Oh, the critters cost \$14.95 each + state of TX taxes, so I'll let 'em go for \$17 in Dayton. No reservations. Come looking for me. The first three individuals (limit one per customer). The cost includes transportation cost. :-)

The Tanner Electronics receiver is listed at

\$39.95 from Tanner Electronics, 1301 West Beltline Rd., Carrollton, TX 75006, (214) 242-8702. They do not have them ready yet, but they do have one in the store and I had the prototype to play with for a few days. I'll post details on it later when I get back to the house tonight. It's based on a MMIC chip and on 40M it sounded hot and you will have TOO MUCH audio. This receiver is not, and I repeat, not small. 6x8" board with large area for prototyping. It's an experimenter's dream receiver to play with. Watch for details when I can get 30min to type in a review.

2 days and counting.....

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-l@netcom.com Wed Apr 26 02:47:31 1995
From: JimN00CT@aol.com
Date: Tue, 25 Apr 1995 20:50:00 -0400
Message-Id: <950425202714_96215463@aol.com>
Subject: Gel Cells and airplanes.....

Hi Cameron--

Sorry for posting this to the list, but I deleted your mail and it is long gone! Just wanted to add a comment: I've travelled with a gel cell [actually two 6 V 8 Ah batteries] to the UK and back in my carry on luggage, and not a word was said. Gatwick airport was the only place that wanted to look at them! I told them what they were, and they seemed satisfied.

In fact, I'm appalled at how many places I go through with radio gear and never a word is said!

73, jim N00CT

From owner-qrp-l@netcom.com Wed Apr 26 00:21:09 1995
From: NYOUNG@nova.wright.edu
Date: Tue, 25 Apr 1995 20:36:25 -0400 (EDT)
Subject: Gell cells and stuff like that one time before you leave
Message-Id: <01HPRP0W45088X0QYX@nova.wright.edu>

Mendelson's Surplus (the guys with the best flea market spots... how do they do that by raffle?) has gel cells for about what Chuck Adams has talked about. You can bet, of course, that they'll

have a nice price + hamvention surcharge (no, not that charge... the _other_ charge...) at their shop in the madhouse. But once Chuck's sold his off, those still wanting power can go over and pay up to Sandy M and his gang. Hi ho and all that.

I just thought of this too: if you wanna see what kind of draw you can tap on one of those Mendelson batts, you could always finish cooking your Hamvention overpriced mettwurst (ah, the wurst is yet to come!) by putting it across the battery terminals.

73

Nils

WB8IJN

And I know they got 'em 'cause I have the Parts Express catalog and it shows 'em in there. Parts Express, by the way, is the _organized_ version of Mendelson's Surplus.

From owner-qrp-1@netcom.com Tue Apr 25 17:23:30 1995
Message-Id: <9504251734.AA06782@ig1.att.att.com>
From: mvjfm@mvubr.att.com (James M Fitton 508 960 2577)
Date: 25 Apr 95 13:31:00 -0400
Subject: Harrah to Airport

I can tell you how to get from Harrah Arena to the Dayton airport after Hamvention - Reliably, and for Free ! See me at Dayton for details.

But need to carpool from the airport to the hotel on Thurs. morning after 10:30 a.m.....

72 Jim W1FMR
Z.

From owner-qrp-1@netcom.com Tue Apr 25 16:50:31 1995
Date: Tue, 25 Apr 1995 13:05:19 -0500
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <199504251805.NAA24933@chuck.dallas.sgi.com>
Subject: KI6DS guessed it

The other day when I posted that I knew the first place I was headed on Friday when in Dayton, Doug H., KI6DS, guessed it the first time &

it wasn't because he remembered
from last year either.

: -)

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-l@netcom.com Tue Apr 25 05:33:32 1995
From: David Adams <dave@flowserver.stem.com>
Message-Id: <9504250537.AA08227@flowserver.stem.com>
Date: Mon, 24 Apr 95 22:35:55 -0700
Subject: Re: Making QSL cards

Greetings! I know just what you're talking about! I always make my own
cards and made one special for the fox hunt (though I still haven't gotten
off the cards for the last round)...hope to catch you on the air some day and we
can swap our creations...

73 de dave

From owner-qrp-l@netcom.com Tue Apr 25 06:29:06 1995
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Need a roommate again!
Date: Mon, 24 Apr 95 22:25:12 EST5EDT
Message-Id: <1995Apr24.222512.161@wb3ffv.ampr.org>

Myron--Once again looks like I need a roommate! Bruce called me today,
says the second room (my room) is on again, and all for me, so I once
again am looking for one or two roommates (of the same sex as me :-))
to share expenses of the room. I'll leave it up to you to send someone
my way, since you probably have a waiting list still. (This is also
being CC'ed to qrp-l; if anyone on the list still needs a room to
share, let Myron know--I need someone with money to help me pay for
mine!) 73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-l@netcom.com Tue Apr 25 16:30:29 1995
Message-Id: <199504251700.KAA04918@interval.interval.com>
Date: Tue, 25 Apr 1995 09:58:37 -0800
From: burdick@interval.com (Wayne Burdick)
Subject: NorCal 40/40A sidetone, etc.

Hi all,

There have been a couple of questions about loud sidetone on NC40s and NC40As lately. If the sidetone is only a little too loud or too soft, chances are you can change the sidetone bypass resistor (R4), as mentioned in the manual.

If the sidetone is WAY too loud, it means that the AGC JFETs are not being turned off completely. I know of at least two instances of this that were due to the use of a 5V regulator (78L05) instead of an 8V regulator (78L08). With only 5 volts at pin 8 of the product detector, the voltage at the source leads of the JFETs would be too low--under 4 volts--to allow a gate voltage of zero to cut the devices off on transmit.

Here's how it works. JFETs have what's called a "pinch-off" voltage: a voltage difference between source and gate (V_{gs}) that results in nearly zero current flow between source and drain. In the NorCal rigs, we're using the JFETs as resistors, and when they're pinched-off, they look like a nearly infinite resistance, resulting in no AF signal making it to the AF amp. R4 lets a small, fixed amount of the AF circumvent the JFETs so you can hear your transmit signal.

As for the NC40A AGC:

The MPF102 has a V_{gs} of between 2 and 8 volts--an extremely wide range. That's why I switched to a 2N4416 in the NC40A; it's V_{gs} range is 2 to 6 volts, making it easier to adjust the AGC voltage and guaranteeing that during transmit they will be completely cut off.

If you look closely at the NC40A schematic you'll notice that I added divider resistors (R5a through R5d) that help linearize the JFETs' response to large signals, improving AGC range. One side-effect of this change is that the voltage at the gates of the JFETs is one-half the voltage measured from either source lead to the wiper of the AGC pot, R6. This means that the largest V_{gs} you can get is now less than 4 volts.

As a result of this, some NC40A builders have found that R6 ended up completely counter-clockwise when set appropriately (somewhat prior to pinchoff, where the resistance of the JFETs has not started to increase significantly). I plan to switch to a different JFET for the next NC40A run, possibly a 2N5484 or J309, both of which have a maximum V_{gs} of 3 or 4 volts. The setting of R6 will then be more repeatable.

Wilderness Radio (Box 734, Los Altos, CA 94023-0734) will most likely have these JFETs available for anyone who wants to retrofit their NC40A. This should only be necessary if you can't adjust R6 to your liking. I'll go out on a limb and say that Bob Dyer (Mr. Wilderness Radio) will charge \$1 for the 2 JFETS, including postage.

Wayne, N6KR

From owner-qrp-l@netcom.com Tue Apr 25 02:43:21 1995
Date: Mon, 24 Apr 1995 21:21:26 -0700 (MST)
From: Richard Kendrick Jr <rrk@indirect.com>
Subject: Re: NorCal40 problems
Message-Id: <Pine.BSD/.3.91.950424211812.9887A-100000@bud.indirect.com>

You can convert your 78L05 into an 8 volt regulator by inserting a 3 volt zener diode in series with the ground lead. Another alternative is to use four 1N400x series diodes to raise the voltage. If you know the current, you can also use a resistor as well.

Richard Kendrick CET WA7TWI		
Amateur Radio Extra Class		Do not adjust your mind, there
QRP #4129/G-QRP #8591/MI-QRP #M-1412		is a fault in reality.
Phoenix, AZ email: rrk@indirect.com		

On Mon, 24 Apr 1995, Mike Robinson wrote:

>
> Well I think I found the problem with my Norcal40. The 78L08
> is actually a poorly marked 78L05 regulating to 5v.
>
> I haven't found a 78L08 yet, but does it make sense that the
> lower voltage supply would cause the alignment to be so skewed
> that the sidetone would be blastingly loud?
>
> =====
> 7.3 de Michael aa0ub | QRP:
> miker@cc.com Norcal #857 | "This thing's a radio?"
> =====
>

From owner-qrp-l@netcom.com Tue Apr 25 02:38:57 1995
Message-Id: <199504250256.WAA14462@brutus.bright.net>
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
Date: Tue, 25 Apr 1995 02:49:56 -4
Subject: Ohio WX - Actual on Monday

After the gloom and doom WX report last night - today was sunny and about 50 degrees.....

Looks like someone else is posting WX from Compuserve - sound like what the NOAA radio station is reading!

I'll post another actual WX tmrw and Wed. evenings, and a last one Thursday as we leave to head to Dayton....

73 - Bill Kelsey - N8ET
Kanga US
kanga@bright.net
419-423-4604
[HTTP://ncc1701-d.cc.nd.edu/kanga/](http://ncc1701-d.cc.nd.edu/kanga/)
73 - Bill Kelsey - N8ET
Kanga US
kanga@bright.net
419-423-4604
[HTTP://ncc1701-d.cc.nd.edu/kanga/](http://ncc1701-d.cc.nd.edu/kanga/)

From owner-qrp-l@netcom.com Tue Apr 25 02:52:54 1995
Date: Mon, 24 Apr 1995 21:42:26 -0500
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <199504250242.VAA23091@chuck.dallas.sgi.com>
Subject: OHR Equipment

Who's bringing OHR equipment to Dayton?
I don't want to duplicate someone's effort.

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-l@netcom.com Tue Apr 25 12:05:46 1995
Date: Tue, 25 Apr 1995 07:29:39 -0700
Message-Id: <199504251429.HAA22961@mailhost.primenet.com>
From: bobhigh@PrimeNet.Com (Bob Hightower)
Subject: OHR WM-1

Got my Oak Hills WM-1 kit 1st night, and what a beauty it is. This kit is really well designed and packaged, and the instructions are superb. I only hope other kit makers (assemblers) take a lesson from OHR. Now if the QRP+ would appear, life would indeed be good. 73, Bob (KI7MN)

From owner-qrp-l@netcom.com Tue Apr 25 09:40:04 1995
Date: Tue, 25 Apr 1995 00:45:43 -0500

From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <199504250545.AAA23356@chuck.dallas.sgi.com>
Subject: Rcvr Addendum

Ooops. Forgot. You fix the receiver for 160M to 500 MHz. This is not a typo. 500MHz is upper freq limit.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-1@netcom.com Tue Apr 25 05:05:20 1995
Date: Tue, 25 Apr 1995 00:42:41 -0500
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <199504250542.AAA23350@chuck.dallas.sgi.com>
Subject: Rcvr Experimental

I have been playing with a new receiver from Tanner Electronics. I don't have all the particulars yet, but it is on a large PC board and would make a great first project for a beginner or experienced builder.

It should be under \$40, but don't quote me on this yet.

The reason for the posting is two things. It has a five turn pot for the tuning and it is very nice.

The second thing is that the audio is provided by a TDA2002 chip. Let me tell you gang, those who have continually be disappointed by not having the power to drive a speaker, this is the chip for you. It delivers more power than the final PA in most QRP rigs!!! I had a pair of earphones connected with the gain ALL the way down, it was still loud. I would not, and I repeat, I would not recommend anyone using this chip where one will be using headphones. I think it is too dangerous. I may still be deaf when I get to Dayton. I got blasted by a strong signal when I tried the audio gain up just a notch. My mistake and I won't do that again. :-)

I'll get more info from Tanner's tomorrow.

Dayton -- two days and counting.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-l@netcom.com Tue Apr 25 19:51:11 1995
Subject: Re: Requests for Battery article.
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>
Date: Tue, 25 Apr 1995 16:15:28 -0400 (EDT)
Message-Id: <95Apr25.161534edt.14522-4+57@hooch.CC.Lehigh.EDU>

[...]

>Another thought came to mind as all of this came about: Would another address,
>such as "qrp-n" or something be a useful subset of this conference to post
>newsletter articles etc.? From time to time I would be willing to produce
>things for newsletter consumption, but I don't know as the readers of this
>conference would want the bandwidth consumed with articles which tend not to
>be as interactive as the dialog that goes on here. Any comments on this idea?
>
> Dennis, K1YPP

I would be happy to provide such a list for non-discussion info (I'd like to have qrp-l here as well, but that's another story), as well as anon FTP and WWW storage. I'd be looking for co-owner(s) to help maintain it.

/jim

From owner-qrp-l@netcom.com Tue Apr 25 19:58:57 1995
Subject: Re: Requests for Battery article.
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>
Date: Tue, 25 Apr 1995 16:19:41 -0400 (EDT)
Message-Id: <95Apr25.161949edt.14522-3+59@hooch.CC.Lehigh.EDU>

> Hi Dennis. I'm interested in your article also.
> It seems to me that, if it could be arranged, a (n?) ftp site for
> such articles would be a better solution than a mailing.

[...]

> bruce
> hs0zbo@sura1.sut.ac.th

Some people still only have e-mail access (*gasp*). The best solution would make files available via e-mail, ftp, and www.

/jim

From owner-qrp-l@netcom.com Tue Apr 25 08:13:01 1995
Message-Id: <199504250253.WAA14425@brutus.bright.net>
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
Date: Tue, 25 Apr 1995 02:46:36 -4
Subject: Update on Kanga on the WWW

Thanks for all the good comments on the Kanga WWW home page - I got buried in e-mail today!

I will try to add some scanned images about two weeks after Dayton - pictures and some schematics if I can work it out. I will also be adding the rest of the catalog items, including more info on the Hands modules.

watch esp for info on the new Hands 10 band SSB/CW xcvr with DDS vfo.

No on-line orders from the web yet..... who will be the first??

73 - Bill Kelsey - N8ET
Kanga US
kanga@bright.net
419-423-4604
[HTTP://ncc1701-d.cc.nd.edu/kanga/](http://ncc1701-d.cc.nd.edu/kanga/)

From owner-qrp-l@netcom.com Tue Apr 25 05:17:19 1995
Date: Mon, 24 Apr 1995 19:45:41 -0700
From: myers@bigboy73.West.Sun.COM (Dana Myers)
Message-Id: <199504250245.TAA01255@vr1000.West.Sun.COM>
Subject: Re: Want: Dead HF rig

> Content-Idenfifier: Want: Dead HF...
> From: william.redfearn.cmwd1r01@nt.com
> To: qrp-l@netcom.com
> Subject: Want: Dead HF rig
>
> Wanted:
>
> Looking for late model HF rig (WARC) with blown finals for a QRP project.
> Especially interested in FT-707, IC-735, TS-50s, or any TEN-TEC rigs.
> Of course, being broken, it should be cheap.
^^

Hmmm.... define "cheap" in this case. As far as I can tell, you want a working radio sans finals. So, lemme see, if finals cost \$50 and hams can fix their own equipment, "cheap" means "normal price - \$50" ?

; -)

From owner-qrp-1@netcom.com Tue Apr 25 22:09:49 1995
Message-Id: <199504252218.PAA15698@interval.interval.com>
Date: Tue, 25 Apr 1995 15:16:42 -0800
From: burdick@interval.com (Wayne Burdick)
Subject: Wilderness Radio and NorCal

Folks,

NorCal is a club, not a kit company, so a new company called [drum roll, please] Wilderness Radio will be handling NorCal's field-tested kits from now on. NorCal club members will continue to design and test new equipment, but producing hundreds of kits is more work than volunteers can handle.

Wilderness Radio is an entirely separate entity from NorCal, run by Bob Dyer, KD6VIO. Hopefully Bob will be on Internet sometime in the near future. Meantime, you can call him at 415-494-3806, or write to:

Wilderness Radio
P.O. Box 734
Los Altos, CA 94023-0734

Bob would love to hear your ideas for QRP products, especially things you can't get anywhere else. His specialty will be kits and accessories for the outdoor QRP enthusiast, since no-one (wink) is using their NorCal gear at home. Initially he'll be selling the NorCal 40A and the Sierra. In fact, I believe he's already taking orders for the NorCal 40A (with a couple of refinements from the first batch). His first Sierra run will be in the fall, in conjunction with my 1996 ARRL Handbook article.

Note that Bob's is a *small* business; he'll have to collect the funds up front as we did when the club handled everything. There will also be a price increase (we're not talking all volunteers anymore!). Don't ask what the prices will be yet--we'll send them out as soon as possible. One thing you'll get for the increased price will be a painted and screened enclosure. (Anyone want to suggest colors?)

The next issue of QRPP will have more details on NorCal's new policy on kits and how Wilderness radio came into being. I'd like to wish Bob well in this new endeavor.

72,
Wayne, N6KR

From owner-qrp-1@netcom.com Tue Apr 25 11:47:59 1995
From: "Richard Hieber" <SZ0026@daphne.rrze.uni-erlangen.de>
Date: Tue, 25 Apr 1995 13:25:40 MET
Subject: Worked SU2MT
Message-Id: <3EAAAB5473C@daphne.rrze.uni-erlangen.de>

Hi gang,

a few days ago I had a nice QRP contact on 20m. It started with my rediscovery of the Hamcom-Modem that had been hidden from my view by a dense mesh of assorted cables and wires (someone really should disentangle them! :). I played a bit with RTTY reception until I remembered that the software can also decode CW. When I last time mentioned Hamcom on the list, someone wrote back telling me how bad the morse decoding really works. Well, it really needs clean reception and a superclean fist, but for me it was helpful ;-) I discovered a reasonably strong station on 14.032 going at about 35wpm. That's way too fast for me, but after some fiddling, looking at the screen and trying to copy by ear, I found out that SU2MT was calling CQ CQ DE SU2MT SU2MT QRP 5 WATTS OR LESS 5UP. He apparently had a good string of takers (well, you don't hear Egypt so often) but when I switched to his listening frequency it was mostly clean - only sometimes a signal too weak for me to copy.

So, after I had remembered how to activate SPLIT on the rig, I gave him a slow call at about 17 to 20 wpm ... and he came right back to me! He reduced his speed somehow, but now quite to my level, and he had difficulties with that! I couldn't copy all, but he made a few successive keying errors and then I copied "too many beers" ... I don't think I was dreaming as I could read that string on the screen, too ...

So I had a contact to Alexandria with only three watts, measured on the OHR WM-1, to a clandestine (very small diameter) longwire antenna. First contact on SW for a very long time (too busy ;-)).

I really should get that code speed up!

72,
Richard
CP-20 or so

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Richard Hieber, DL8MFQ/AA8CP
sz0026@daphne.rrze.uni-erlangen.de